



# DOPC/CHOL Liposomes (200nm), Fluorescein DHPE 1 abeled

**Catalog: DOPC-025L**

## PRODUCT INFORMATION

---

<b>Name</b>	DOPC/CHOL Liposomes (200nm), Fluorescein DHPE labeled
<b>Cat No.</b>	DOPC-025L
<b>Product Overview</b>	<p>The liposomes are prepared by the extrusion technology to 200-250nm nm with tight particle size distribution. The product is semisterile filtered through 0.45um filters and filled in autoclaved vials guaranteed to be stable for 3 months stored in refrigerator. The phospholipid, fluorescein DHPE is labeled on the head group with the green-fluorescent pH-sensitive fluorophore, fluorescein (excitation/emission maxima ~496/519 nm).</p> <p>Lipid composition: DOPC/CHOL/Fluorescein-DHPE (54:45:1 mol/mol)</p> <p>Mean particle size: 230 nm (200-250 nm, intensity weighted lognormal per DSL)</p> <p>Particle size distribution: 80-100nm (half-width)</p>
<b>Lipid Composition</b>	DOPC; CHOL; FITC-DHPE
<b>Application</b>	Liposome production; Synthetic lipid
<b>Storage Buffer</b>	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.5 ± 0.2
<b>Concentration</b>	Lipid concentration: 50 mM (50-55 mM) Fluorescein DHPE: 0.5 mM (0.59 mg/mL)
<b>Stability</b>	6 Month for unopened vials.
<b>Storage</b>	Store at 2-8 centigrade, protect from light.
<b>Synonyms</b>	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol